

Commanding Officer, U. S. Navy
Photographic Interpretation Center

PIC/D-103-59
19 May 1959

Director, Photographic Intelligence Center, CIA

Terrain Models

1. The terrain model recently prepared by the Photographic Interpretation Center for us so pleased the initiator of the requirement that a request has been made for two more models relative to the same project. In discussing the matter with [REDACTED] it was decided that this memorandum outlining the scope of the work should be directed to you for approval.

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2. One model covers an area of approximately 1.2 by 2.4 NM at a scale of 1/3600 requiring a 24" x 48" model. The other covers an area of approximately 11 x 11 NM at a scale of 1/20,000 necessitating a model 36" x 36" in size. All planimetric features and form lines will be furnished. Vertical scale ratio 3:1.

3. Due to the irregularities of terrain and difficulty of drawing contour or form lines from the photography, it would be most desirable to provide you stereo-coverage of the areas. While there are few cultural features within the area, more detail is desired than was requested on the previous model, notably the designation of vegetation which ranges from about 5 to 40 feet. In order to furnish photography it would necessitate your accomplishing the work within your special cleared area. The large scale model is covered by 1 stereo-pair and the small scale area by 14 stereo-pair, 7 vertical and 7 oblique.

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SUBJECT: Terrain Models

4. The data will be prepared and ready for delivery to your office by 29 May for the large scale model and by 12 June for the small scale model. Completion of the models should be accomplished not later than 10 July.

5. Please advise us whether it is possible for the Photographic Interpretation Center to prepare these terrain models for us and whether or not it can be accomplished within the special control system.

ARTHUR C. LUNDAHL

PIC/TISD: (19 May 59)

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Distribution:

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1 - ONI

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